locket No. **Practitioner**

12-10-01 508-053.3-1

PATENT

Preliminary Classification:

Proposed Class

Subclass

"All applicants are requested to include a preliminary classification on newly filed patent applications The preliminary classification, preferably class and subclass designations, should be identified in the upper right-hand comer of the letter of transmittal accompanying the application papers, for example 'Proposed Class 2, subclass 129' " MPEP § 601, 7th ed

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

U.S. Patent and Trademark Office P.O. Box 2327 Arlington, VA 22202

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s): Floyd R. POTHOVEN and Terry A. POTHOVEN

WARNING: 37 CFR § 1 41(a)(1) points out:

"(a) A patent is applied for in the name or names of the actual inventor or inventors

"(1) The inventorship of a nonprovisional application is that inventorship set forth in the oath or declaration as prescribed by § 1 63, except as provided for in § 1 53(d)(4) and § 1 63(d) If an oath or declaration as prescribed by § 1 63 is not filed during the pendency of a nonprovisional application, the inventorship is that inventorship set forth in the application papers filed pursuant to § 1 53(b), unless a petition under this paragraph accompanied by the fee set forth in § 1 17(i) is filed supplying or changing the name or names of the inventor or inventors "

For (title):

CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10*

(When using Express Mail, the Express Mail label number is mandatory, Express Mail certification is optional)

I hereby certify that, on the date shown below, this correspondence is being:

MAILING

deposited with the United States Postal Service in an envelope addressed to the Assistant Commissioner for Patents, P.O. Box 2327, Arlington, VA 22202

37 C.F.R. § 1.8(a)

37 C.F.R. § 1.10 *

with sufficient postage as first class mail

as "Express Mail Post Office to Addressee" Mailing Label No EV005523565US (mandatory)

TRANSMISSION

facsimile transmitted to the Patent and Trademark Office, (703)

Signature

Date: December 6, 2001

Judith Schick

(type or print name of person certifying)

* Only the date of filing (§ 1 6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1 8 continues to be taken into account in determining timeliness See § 1 703(f) Consider "Express Mail Post Office to Addressee" (§ 1 10) or facsimile transmission (§ 1 6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations

(New Application Transmittal [4-1]—page 1 of 12)

1. Type of Application

This new application is for a(n)

	(check one applicable item below)
뎣	Original (nonprovisional)
	Design
	☐ Plant
WARNING.	Do not use this transmittal for a completion in the US of an International Application under 35 USC § 371(c)(4), unless the International Application is being filed as a divisional, continuation or continuation-in-part application
WARNING	: Do not use this transmittal for the filing of a provisional application
TF	one of the following 3 items apply, then complete and attach ADDED PAGES FOR NEW APPLICATION BANSMITTAL WHERE BENEFIT OF A PRIOR U.S. APPLICATION CLAIMED and a NOTIFICATION PARENT APPLICATION OF THE FILING OF THIS CONTINUATION APPLICATION
	Divisional.
	Continuation
	Continuation-in-part (C-I-P)

2. Benefit of Prior U.S. Application(s) (35 U.S C. §§ 119(e), 120, or 121)

NOTE A nonprovisional application may claim an invention disclosed in one or more prior filed copending nonprovisional applications or copending international applications designating the United States of America. In order for a nonprovisional application to claim the benefit of a prior filed copending nonprovisional application or copending international application designating the United States of America, each prior application must name as an inventor at least one inventor named in the later filed nonprovisional application and disclose the named inventor's invention claimed in at least one claim of the later filed nonprovisional application in the manner provided by the first paragraph of 35 U S C § 112 Each prior application must also be:

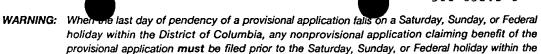
- (i) An international application entitled to a filing date in accordance with PCT Article 11 and designating the United States of America, or
 - (ii) Complete as set forth in § 1 51(b), or
- (iii) Entitled to a filing date as set forth in § 1 53(b) or § 1 53(d) and include the basic filing fee set forth in § 1 16, or
- (iv) Entitled to a filing date as set forth in § 1 53(b) and have paid therein the processing and retention fee set forth in § 1 21(l) within the time period set forth in § 1 53(f)

37 CFR § 1 78(a)(1)

NOTE If the new application being transmitted is a divisional, continuation or a continuation-in-part of a parent case, or where the parent case is an International Application which designated the U.S., or benefit of a prior provisional application is claimed, then check the following item and complete and attach ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED

WARNING: If an application claims the benefit of the filing date of an earlier filed application under 35 U S C §§ 120, 121 or 365(c), the 20-year term of that application will be based upon the filing date of the earliest U S application that the application makes reference to under 35 U S C §§ 120, 121 or 365(c) (35 U S C § 154(a)(2) does not take into account, for the determination of the patent term, any application on which priority is claimed under 35 U S C §§ 119, 365(a) or 365(b)) For a c-i-p application, applicant should review whether any claim in the patent that will issue is supported by an earlier application and, if not, the applicant should consider canceling the reference to the earlier filed application. The term of a patent is not based on a claim-by-claim approach. See Notice of April 14, 1995, 60 Fed. Reg. 20,195, at 20,205

(New Application Transmittal [4-1]—page 2 of 12)



The new application being transmitted claims the benefit of prior U.S. application(s). Enclosed are ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

District of Columbia. See 37 C.F.R. § 1.78(a)(3).

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J.	Lanci 2	LIIVIVSEG

3. F	àpe	rs Ci	nolosed
A.			ed for filing date under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 1.153) Application
	5	Pa	ages of specification
	3	Pa	ages of claims
	2	SI	heets of drawing
		fili sn dr the Fo 57	O NOT submit original drawings. A high quality copy of the drawings should be supplied when ing a patent application. The drawings that are submitted to the Office must be on strong, white, mooth, and non-shiny paper and meet the standards according to § 1.84. If corrections to the rawings are necessary, they should be made to the original drawing and a high-quality copy of e corrected original drawing then submitted to the Office. Only one copy is required or desired. or comments on proposed then-new 37 C.F.R. § 1.84, see Notice of March 9, 1988 (1990 O.G. 7-62).
NOT	ir tl o	nvento ne Offi n the	fying indicia, if provided, should include the application number or the title of the invention, or's name, docket number (if any), and the name and telephone number of a person to call if fice is unable to match the drawings to the proper application. This information should be placed back of each sheet of drawing a minimum distance of 1.5 cm. (% inch) down from the top of the control of the
			(complete the following, if applicable)
		a "l	e enclosed drawing(s) are photograph(s). Three (3) sets of photographs and PETITION TO ACCEPT PHOTOGRAPH(S) AS DRAWING(S)" are attached. 37 F.R. § 1.84(b).
		"PE	e enclosed drawing(s) are in color. Three (3) sets of color drawings and a ETITION TO ACCEPT COLOR DRAWING(S)" are attached. 37 C.F.R. 1.84(a)(2) and 1.84(b).
		forr	mal
	[X]	info	ormal
В.	Oth	ner P	apers Enclosed
		Pa	ages of declaration and power of attorney
	_1	Pa	ages of abstract
		0	ther
4. A	ddit	ional	papers enclosed
		Am	endment to claims
			Cancel in this applications claims before calculating the filing fee. (At least one original independent claim must be retained for filing purposes.)
			Add the claims shown on the attached amendment. (Claims added have been numbered consecutively following the highest numbered original claims.)

(New Application Transmittal [4-1]-page 3 of 12)

	3	Preli	iminary Amendment
]	Infor	mation Disclosure Statement (37 C.F.R. § 1.98)
	3	Fom	n PTO-1449 (PTO/SB/08A and 08B)
E .	3	Cita	tions
]	Dec	laration of Biological Deposit
]	pert	mission of "Sequence Listing," computer readable copy and/or amendment aining thereto for biotechnology invention containing nucleotide and/or no acid sequence.
		Auth tive	norization of Attorney(s) to Accept and Follow Instructions from Representa-
]	Spe	cial Comments
]	Othe	er
5. Dec	laı	ratio	n or oath (including power of attorney)
NOTE:	the by ap the by be de pe	e prior all or aplicati e sign a sta eing fi eclarat erson	rexecuted declaration is not required in a continuation or divisional application provided that is nonprovisional application contained a declaration as required, the application being filed is refewer than all the inventors named in the prior application, there is no new matter in the ion being filed, and a copy of the executed declaration filed in the prior application (showing ature or an indication thereon that it was signed) is submitted. The copy must be accompanied atternent requesting deletion of the names of person(s) who are not inventors of the application ided. If the declaration in the prior application was filed under § 1.47, then a copy of that it ion must be filed accompanied by a copy of the decision granting § 1.47 status or, if a nonsigning under § 1.47 has subsequently joined in a prior application, then a copy of the subsequently declaration must be filed. See 37 C.F.R. §§ 1.63(d)(1)–(3).
NOTE:	is ab	direct brevia untry	ration filed to complete an application must be executed, identify the specification to which it ed, identify each inventor by full name including family name and at least one given name, without ation together with any other given name or initial, and the residence, post office address and or citizenship of each inventor, and state whether the inventor is a sole or joint inventor. 37 § 1.63(a)(1)–(4).
NOTE:	as as is th	presonant preson	rentorship of a nonprovisional application is that inventorship set forth in the oath or declaration cribed by § 1.62, except as provided for in § 1.53(d)(4) and § 1.63(d). If an oath or declaration cribed by § 1.63 is not filed during the pendency of a nonprovisional application, the inventorship needs forth in the application papers filed pursuant to § 1.53(b), unless a petition under agraph accompanied by the fee set forth in § 1.17(i) is filed supplying or changing the name as of the inventor or inventors." 37 C.F.R. § 1.41(a)(1).
)	Enc	losed
		Exe	cuted by
			(check all applicable boxes)
			inventor(s).
			legal representative of inventor(s). 37 C.F.R. §§ 1.42 or 1.43.
			joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached.
			☐ This is the petition required by 37 C.F.R. § 1.47 and the statement required by 37 C.F.R. § 1.47 is also attached. See item 13 below for fee.
ē	X)	Not	Enclosed.

NOTE: Where the filing is a completion in the U.S. of an International Application or where the completion of the U.S. application contains subject matter in addition to the International Application, the application may be treated as a continuation or continuation-in-part, as the case may be, utilizing ADDED PAGE FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION CLAIMED.

	300 033.3 1
1	Application is made by a person authorized under 37 C.F.R. § 1.41(c) on behalf of all the above named inventor(s).
(The dec	laration or oath, along with the surcharge required by 37 C.F.R. § 1.16(e) can be filed subsequently).
	Showing that the filing is authorized. (not required unless called into question. 37 C.F.R. § 1.41(d))
6. Invento	ship Statement
WARNING:	If the named inventors are each not the inventors of all the claims an explanation, including the ownership of the various claims at the time the last claimed invention was made, should be submitted.
The inver	torship for all the claims in this application are:
	he same.
	or
	ot the same. An explanation, including the ownership of the various claims at ne time the last claimed invention was made,
Į] is submitted.
1] will be submitted.
7. Langua	ge
An req	pplication including a signed oath or declaration may be filed in a language other than English. English translation of the non-English language application and the processing fee of \$130.00 ired by 37 C.F.R. § 1.17(k) is required to be filed with the application, or within such time as may et by the Office. 37 C.F.R. § 1.52(d).
K	nglish
	lon-English
-	The attached translation includes a statement that the translation is accurate. 37 C.F.R. § 1.52(d).
8. Assign	nent
	n assignment of the invention toITW, Inc.
	is attached. A separate ☐ "COVER SHEET FOR ASSIGNMENT (DOCUMENT) ACCOMPANYING NEW PATENT APPLICATION" or ☐ FORM PTO 1595 is also attached.
	🛚 will follow.
	n assignment is submitted with a new application, send two separate letters-one for the application one for the assignment." Notice of May 4, 1990 (1114 O.G. 77-78).
WARNING:	A newly executed "CERTIFICATE UNDER 37 C.F.R. § 3.73(b)" must be filed when a continuation-in-part application is filed by an assignee. Notice of April 30, 1993, 1150 O.G. 62-64.
	his is a continuation divisional application and the assignment
-	ocument for the parent application 0 / was filed
	n
	Reel
	Frame
	(New Application Transmittal [4-1]—page 5 of 12)

(New Application Transmittal [4-1]-page 6 of 12)

9. Certified Copy

Certified copy(ies) of application(s)

Country	Appln. No			Filed
Country	Appln. No	-	· .	Filed
Country	Appln. No			Filed
from which priority is claimed				
is (are) attached.				
will follow.				
NOTE: The foreign application form declaration. 37 C.F.R. § 1.5		im for	priority must b	ne referred to in the oath or
§ 120 is itself entitled to pri PAGES FOR NEW APPLICA CLAIMED.	onal Application from who ority from a prior foreign ATION TRANSMITTAL W	ch this applica	s application cla ation, then com	directly relates. If any parent nims benefit under 35 U.S.C. plete item 18 on the ADDED RIOR U.S. APPLICATION(S)
10. Fee Calculation (37 C.F.	.R. § 1.16)			
A. A Regular application				
	CLAIMS AS FI	LED		
Number filed	Number Extra	,	Rate	Basic Fee 37 C.F.R. § 1.16(a) \$740.00
Total 17	0			
Claims (37 C.F.R. § 1.16(c)) - :	20 =	×	\$ 18.00	
Independent 2	0			
Claims (37 C.F.R. § 1.16(b))	3 =	×	\$ 84.00	
Multiple dependent claim(s), if any (37 C.F.R. § 1.16(d))		+	\$280.00	
☐ Amendment cancel	ling extra claims is	enclo	sed.	
☐ Amendment deletin	g multiple-depende	ncies	is enclosed	l .
☐ Fee for extra claims	s is not being paid	at th	is time.	
NOTE: If the fees for extra claims an prior to the expiration of th notice of fee deficiency. 37	e time period set for res	ust be ponse	paid or the claid by the Patent	ms cancelled by amendment, and Trademark Office in any
F	Filing Fee Calculation	n		\$740.00**
B. Design application (\$330.00-37 C.F.R	t. § 1.16(f))			
i i	Filing Fee Calculation	n		\$



C. ☐ Plant application (\$510.00-37 C.F.R. § 1.16(g))

Filing fee calculation

\$	

11. Assertion of Small Entity Status

	Applicant	hereby	asserts	status	as a	smali	entity	under 3	7 C.F.	.R. §	1.	27
--	-----------	--------	---------	--------	------	-------	--------	---------	--------	-------	----	----

NOTE: 37 C.F.R. § 1.27(c) deals with the assertion of small entity status, whether by a written specific declaration thereof or by payment as a small entity of the basic filling fee or the fee for the entry into the national phase and states:

- "(c) Assertion of small entity status. Any party (person, small business concern or nonprofit organization) should make a determination, pursuant to paragraph (f) of this section, of entitlement to be accorded small entity status based on the definitions set forth in paragraph (a) of this section, and must, in order to establish small entity status for the purpose of paying small entity fees, actually make an assertion of entitlement to small entity status, in the manner set forth in paragraphs (c)(1) or (c)(3) of this section, in the application or patent in which such small entity fees are to be paid.
 - (1) Assertion by writing. Small entity status may be established by a written assertion of entitlement to small entity status. A written assertion must:
 - (i) Be clearly identifiable;
 - (ii) Be signed (see paragraph (c)(2) of this section); and
 - (iii) Convey the concept of entitlement to small entity status, such as by stating that applicant is a small entity, or that small entity status is entitled to be asserted for the application or patent. While no specific words or wording are required to assert small entity status, the intent to assert small entity status must be clearly indicated in order to comply with the assertion requirement.
 - (2) Parties who can sign and file the written assertion. The written assertion can be signed by:
 - (i) One of the parties identified in § 1.33(b) (e.g., an attorney or agent registered with the Office), § 3.73(b) of this chapter notwithstanding, who can also file the written assertion;
 - (ii) At least one of the individuals identified as an inventor (even though a § 1.63 executed oath or declaration has not been submitted), notwithstanding § 1.33(b)(4), who can also file the written assertion pursuant to the exception under § 1.33(b) of this part; or
 - (iii) An assignee of an undivided part interest, notwithstanding §§ 1.33(b)(3) and 3.73(b) of this chapter, but the partial assignee cannot file the assertion without resort to a party identified under § 1.33(b) of this part.
 - (3) Assertion by payment of the small entity basic filing or basic national fee. The payment, by any party, of the exact amount of one of the small entity basic filing fees set forth in §§ 1.16(a), (f), (g), (h), or (k), or one of the small entity basic national fees set forth in §§ 1.492(a)(1), (a)(2), (a)(3), (a)(4), or (a)(5), will be treated as a written assertion of entitlement to small entity status even if the type of basic filing or basic national fee is inadvertently selected in error.
 - (i) If the Office accords small entity status based on payment of a small entity basic filing or basic national fee under paragraph (c)(3) of this section that is not applicable to that application, any balance of the small entity fee that is applicable to that application will be due along with the appropriate surcharge set forth in § 1.16(e), or § 1.16(l).
 - (ii) The payment of any small entity fee other than those set forth in paragraph (c)(3) of this section (whether in the exact fee amount or not) will not be treated as a written assertion of entitlement to small entity status and will not be sufficient to establish small entity status in an application or a patent."

WARNING: 37 C.F.R. § 1.27(c)(4): "Assertion required in related, continuing, and reissue applications. Status as a small entity must be specifically established by an assertion in each related, continuing and reissue application in which status is appropriate and desired. Status as a small entity in one application or patent does not affect the status of any other application or patent, regardless of the relationship of the applications or patents. The refiling of an application under § 1.53 as a continuation, divisional, or continuation-in-part application (including a continued prosecution application under § 1.53(d)), or the filing of a reissue application, requires a new assertion as to continued entitlement to small entity status for the continuing or reissue application."

WARNING: "Small entity status must not be established when the person or persons signing the . . . statement can **unequivocally** make the required self-certification." M.P.E.P., § 509.03 (emphasis added).

	(complete the following, if applicable)
	Status as a small entity was asserted in the prior application
	35 U.S.C. §
	and which status as a small entity is still proper and asserted for this application.
	☐ A copy of the written assertion of small entity filed in the prior application is included.
est for	refund based on establishment of small entity status, of a portion of fees timely paid in full prior to tablishing status as a small entity may only be obtained if an assertion under § 1.27(c) and a request a refund of the excess amount are filed within three months of the date of the timely payment of the time period is not extendable under § 1.136. 37 C.F.R. § 1.28(a).
	Filing Fee Calculation (50% of A, B or C above)
	\$
12. Requ	est for International-Type Search (37 C.F.R. § 1.104(d))
	(complete, if applicable)
	Please prepare an international-type search report for this application at the tim when national examination on the merits takes place.



13. Fee Payment Being Made at This Time

	X	Not	Enclosed		
		□	No filing fee is to be paid at this time. (This and the surcharge required by 37 C.F.R. subsequently.)	§ 1.16(e) can be	paic
		Enc	elosed		
			Filing fee	\$	
			Recording assignment (\$40.00; 37 C.F.R. § 1.21(h)) (See attached "COVER SHEET FOR ASSIGNMENT ACCOMPANYING NEW APPLICATION".)	\$	
			Petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached (\$130.00; 37 C.F.R. §§ 1.47 and 1.17(i))	· \$	
			For processing an application with a specification in a non-English language (\$130.00; 37 C.F.R. §§ 1.52(d) and 1.17(k))	\$	
			Processing and retention fee (\$130.00; 37 C.F.R. §§ 1.53(d) and 1.21(l))	\$	
			Fee for international-type search report (\$40.00; 37 C.F.R. § 1.21(e))	\$	
NOTE:	fa. 37 eit	iling to 7 C.F.R ther the	R. § 1.21(I) establishes a fee for processing and retaining any application complete the application pursuant to 37 C.F.R. § 1.53(f) and this R. §§ 1.53 and 1.78(a)(1), indicate that in order to obtain the benefit e basic filing fee must be paid, or the processing and retention fee year from notification under § 53(f).	s, as well as the change t of a prior U.S. applica	es to tion,
			Total fees enclosed	\$	
14. M	eth	od o	f Payment of Fees		
]	Attac	ched is a	\$	
		Auth	orization is hereby made to charge the amount of \$	·	
			to Deposit Account No		
			to Credit card as shown on the attached credit card ition form PTO-2038.	information authori	za-
WARNI	ING:	: Cred	dit card information should not be included on this form as it ma	y become public.	
			ge any additional fees required by this paper or cree e manner authorized above.	edit any overpaym	ent
		,	A duplicate of this paper is attached.		

□ Refund

15. A	unorization to Charge Additional Fees
WARN	ING: If no fees are to be paid on filing, the following items should not be completed.
WARN	ING: Accurately count claims, especially multiple dependent claims, to avoid unexpected high charges if extra claim charges are authorized.
	The Office is hereby authorized to charge, in the manner shown above, the following additional fees that may be required by this paper and during the entine pendency of this application.
	☐ 37 C.F.R. § 1.16(a), (f) or (g) (filing fees)
	☐ 37 C.F.R. § 1.16(b), (c) and (d) (presentation of extra claims)
NOTE:	Because additional fees for excess or multiple dependent claims not paid on filing or on later presentation must only be paid or these claims cancelled by amendment prior to the expiration of the time period set for response by the PTO in any notice of fee deficiency (37 C.F.R. § 1.16(d)), it might be best not authorize the PTO to charge additional claim fees, except possibly when dealing with amendment after final action.
	37 C.F.R. § 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)
-	☐ 37 C.F.R. § 1.17(a)(1)-(5) (extension fees pursuant to § 1.136(a)).
	☐ 37 C.F.R. § 1.17 (application processing fees)
NOTE:	" A written request may be submitted in an application that is an authorization to treat any concurrent or future reply, requiring a petition for an extension of time under this paragraph for its timely submission as incorporating a petition for extension of time for the appropriate length of time. An authorization to charge all required fees, fees under § 1.17, or all required extension of time fees will be treated as a constructive petition for an extension of time in any concurrent or future reply requiring a petition for an extension of time under this paragraph for its timely submission. Submission of the fee set forth in § 1.17(a) will also be treated as a constructive petition for an extension of time in any concurrent reply requiring a petition for an extension of time under this paragraph for its timely submission." 37 C.F.R. § 1.136(a)(3).
	 37 C.F.R. § 1.18 (issue fee at or before mailing of Notice of Allowance pursuant to 37 C.F.R. § 1.311(b))
NOTE:	Where an authorization to charge the issue fee to a deposit account has been filed before the mailing of a Notice of Allowance, the issue fee will be automatically charged to the deposit account at the time of mailing the notice of allowance. 37 C.F.R. § 1.311(b).
NOTE:	37 C.F.R. § 1.28(b) requires "Notification of any change in status resulting in loss of entitlement to small entity status must be filed in the application prior to paying, or at the time of paying, the issue fee " From the wording of 37 C.F.R. § 1.28(b), (a) notification of change of status must be made even if the fee is paid as "other than a small entity" and (b) no notification is required if the change is to another small entity.
16. Ins	structions as to Overpayment
NOTE:	" Amounts of twenty-five dollars or less will not be returned unless specifically requested within a reasonable time, nor will the payer be notified of such amounts; amounts over twenty-five dollars may be returned by check or, if requested, by credit to a deposit account." 37 C.F.R. § 1.26(a).
	Credit Account No

Reg. No. 27,550

Tel. No. (203) 261-1234

Customer No. 004955

SIGNATURE OF PRACTITIONER

Alfred A. Fressola

(type or print name of attorney)

Ware, Fressola, Van Der Sluys & Adolphson LLP

P.O. Address

755 Main Street, Building Five

Box 224

Monroe, CT 06468

(New Application Transmittal [4-1]—page 11 of 12)

Incorporation by reference of added pages

(check the following item if the application in this transmittal claims the benefit of prior U.S. application(s) (including an international application entering the U.S. stage as a continuation, divisional or C-I-P application) and complete and attach the ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRICE U.S. APPLICATION(S) CLAIMED)

ŢŢ	Plus Added Pages for New Application Transmittal Where Benefit of Prior U.S. Application(s) Claimed
	Number of pages added5
	Plus Added Pages for Papers Referred to in Item 4 Above
	Number of pages added
	Plus added pages deleting names of inventor(s) named in prior application(s) who is/are no longer inventor(s) of the subject matter claimed in this application.
	Number of pages added
	Plus "Assignment Cover Letter Accompanying New Application"
	Number of pages added
State	ment Where No Further Pages Added
	no further pages form a part of this Transmittal, then end this Transmittal with is page and check the following item)
	This transmittal ends with this page.

Practitioner's Docket No	508-053.3-1	PATENT
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ADDED PAGES FOR APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED

NOTE: See 37 C.F.R. § 1.78.

17. Relate Back

WARNING: If an application claims the benefit of the filing date of an earlier filed application under 35 U.S.C. §§ 120, 121 or 365(c), the 20-year term of that application will be based upon the filing date of the earliest U.S. application that the application makes reference to under 35 U.S.C. §§ 120, 121 or 365(c). (35 U.S.C. § 154(a)(2) does not take into account, for the determination of the patent term, any application on which priority is claimed under 35 U.S.C. §§ 119, 365(a) or 365(b).) For

a c+p application, applicant should review whether any claim in the patent that will issue is supported by an earlier application and, if not, the applicant should consider canceling the reference to the earlier filed application. The term of a patent is not based on a claim-by-claim approach. See Notice of April 14, 1995, 60 Fed. Reg. 20,195, at 20,205.

(complete the following, if applicable)

Amend the specification by inserting, before the first line, the following sentence:

A. 35 U.S.C. § 119(e)

NOTE: "Any nonprovisional application claiming the benefit of one or more prior filed copending provisional applications must contain or be amended to contain in the first sentence of the specification following the title a reference to each such prior provisional application, identifying it as a provisional application, and including the provisional application number (consisting of series code and serial number)." 37 C.F.R. § 1.78(a)(4).

"This application claims the benefit of U.S. Provisional Application(s) No(s).:

APPLICATION NO(S).:	FILING DATE
60/_251,712	<u>December 6, 2000</u>
/	·
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

(Added Pages for Application Transmittal Where Benefit of Prior U.S. Application(s) Claimed

[4-1.1]—page 1 of 5)

B. 35 U.S.C. §5-20, 121 and 365(c)

into one sentence.

	claiming the benefit of one or more prior filed copapplications designating the United States of Amelirst sentence of the specification following the title at by application number (consisting of the series on number and international filing date and indicating references to other related applications may be in § 1.78(a)(2).	rica must contain or be amended to contain in the a reference to each such prior application, identifying code and serial number) or international application g the relationship of the applications Cross-
[☐ "This application is a	
	☐ continuation	<i>*</i>
	☐ continuation-in-part	
	☐ divisional	
(of copending application(s)	
C	application number 0 /	filed on"
	☐ International Application	filed on
	and whi	ch designated the U.S."
NOTE:	The proper reference to a prior filed PCT application serial number and the filing date of the PCT applications.	on that entered the U.S. national phase is the U.S. cation that designated the U.S.
NOTE:	(1) Where the application being transmitted adds s the filing can be as a continuation-in-part or (2) if it can be as a continuation.	ubject matter to the International Application, then is desired to do so for other reasons then the filing
NOTE:	The deadline for entering the national phase in the in the Notice of April 28, 1987 (1079 O.G. 32 to 4	e U.S. for an international application was clarified 6) as follows:
	"The Patent and Trademark Office considers the Inmonth from the priority date if the United States hat Preliminary Examination has been filed prior to the and until the 32nd month from the priority date if which elected the United States of America has been from the priority date, provided that a copy of the to the Patent and Trademark Office within the 20 international application has not been communicated or 30 month period respectively, the international States 20 or 30 months from the priority date respects as paragraph (h) of § 1.494 and paragraph (i) of § 1.and 120 may be filed anytime during the pendence.	s been designated and no Demand for International expiration of the 19th month from the priority date a Demand for International Preliminary Examination een filed prior to the expiration of the 19th month international application has been communicated or 30 month period respectively. If a copy of the ted to the Patent and Trademark Office within the all application becomes abandoned as to the United ctivley. These periods have been placed in the rules 195. A continuing application under 35 U.S.C. 365(c)
	"The nonprovisional application design	nated above, namely application
	U.S. Provisional Application(s) No(s).:	_, filed, claims the benefit of
APPLIC	CATION NO(S).:	FILING DATE
	. /	
	./	

NOTE: "Except for a continued prosecution application filed under § 1.53(d), any nonprovisional application

 $\hfill \square$ Where more than one reference is made above, please combine all references

18. Relate Back—35 U.S.C. § 119 Priority Claim for Prior Application

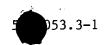
The prior U.S. application(s), including any prior International Application designating the U.S., identified above in item 17B, in turn itself claim(s) foreign priority(ies) as follows:

		Country	Appln. no.	Filed on	
Th	The certified copy(ies) has (have)				
		been filed on		/, which was	
		is (are) attached.			
		the International Bureau application in the con application communica a U.S. serial number unstage is not entered. I prosecution of a continuous transfer, retrienter and make a recor the priority documents stage may not be relie	I may not be relied on without any nectinulng application. This is so becauted by the International Bureau is pless the national stage is entered. Such herefore, such certified copies may inuing application. An alternative woulders and transfer them to the continuitieve the folders, make suitable recorded of such copies in the Continuing Apin folders of international application of on. Notice of April 28, 1987 (1079)	•	
19.	Mai	intenance of Cope	endency of Prior Applica	tion	
NOTE: The PTO finds it useful if a copy of the petition filed in the prior application extending the term for response is filed with the papers constituting the filing of the continuation application. Notice of November 5, 1985 (1060 0.G. 27).					
A.		Extension of time in	prior application		
(This item must be completed and the papers filed in the prior application, if the period set in the prior application has run.);					
		A petition, fee and runtil	esponse extends the term in	the pending, prior application	
		☐ A copy of the	petition filed in prior applicati	on is attached:	
B.		Conditional Petition	for Extension of Time in Price	or Application	
		(complete ti	ols item, if previous item not	applicable)	
		A conditional petitic application.	on for extension of time is be	ing filed in the pending prior	
		☐ A copy of the o	onditional petition filed in the	prior application is attached.	

20. Further Inventorship Statement Where Benefit of Prior Application(s) Claimed

(complete applicable item (a), (b) and/or (c) below)

(a) (x)			application discloses and claims only subject matter disclosed in the application whose particulars are set out above and the inventor(s) application are			
			d the same.			
			less than those named in the prior application. It is requested that the following inventor(s) identified for the prior application be deleted:			
			(type name(s) of inventor(s) to be deleted)			
(b) 🗆	his application discloses and claims additional disclosure by amendment and new declaration or oath is being filed. With respect to the prior application he inventor(s) in this application are					
] the same.			
			the following additional inventor(s) have been added:			
			(type name(s) of inventor(s) to be added)			
(0	:)		he inventorship for all the claims in this application are			
			the same.			
			not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made			
			is submitted.			
			will be submitted.			



21.	Abandonment	of Prior	Application	Gf	applicable
	whiteaminities	VI I IIVI	APPIIVATION	155	

Please abandon the prior application at a time while the prior application is pending, or when the petition for extension of time or to revive in that application is granted, and when this application is granted a filing date, so as to make this application copending with said prior application.

NOTE: According to the Notice of May 13, 1983 (103, TMOG 6-7), the filing of a continuation or continuation-inpart application is a proper response with respect to a petition for extension of time or a petition to revive and should include the express abandonment of the prior application conditioned upon the granting of the petition and the granting of a filing date to the continuing application.

22. Petition for Suspension of Prosecution for the Time Necessary to File an Amendment

WARNING: "The claims of a new application may be finally rejected in the first Office action in those situations where (A) the new application is a continuing application of, or a substitute for, an earlier application, and (B) all the claims of the new application (1) are drawn to the same invention claimed in the earlier application, and (2) would have been properly finally rejected on the grounds of art of record in the next Office action if they had been entered in the earlier application." M.P.E.P., § 706.07(b), 7th ed.

NOTE: Where it is possible that the claims on file will give rise to a first action final for this continuation application and for some reason an amendment cannot be filed promptly (e.g., experimental data is being gathered) it may be desirable to file a petition for suspension of prosecution for the time necessary.

(check the next item, if applicable)

☐ There is provided herewith a Petition To Suspend Prosecution for the Time Necessary to File An Amendment (New Application Filed Concurrently)

23. Small Entity (37 C.F.R. § 1.28(a))

added).

	Applicant has established small entity status by the filing of a statement in parent application / on
	☐ A copy of the statement previously filed is included.
WARNING:	See 37 C.F.R. § 1.28(a).
WARNING:	"Small entity status must not be established when the person or persons signing the statement can unequivocally make the required self-certification." M.P.E.P., § 509.03, 7th ed. (emphasis

24. NOTIFICATION IN PARENT APPLICATION OF THIS FILING

A notification of the filing of this (check one of the following)		
	continuation	
	continuation-in-part	
. 🗖	divisional	

is being filed in the parent application, from which this application claims priority under 35 U.S.C. § 120.

(Added Pages for Application Transmittal Where Benefit of Prior U.S. Application(s) Claimed

[4-1.1]—page 5 of 5)